10. The Web Interface

10.1 Getting Started

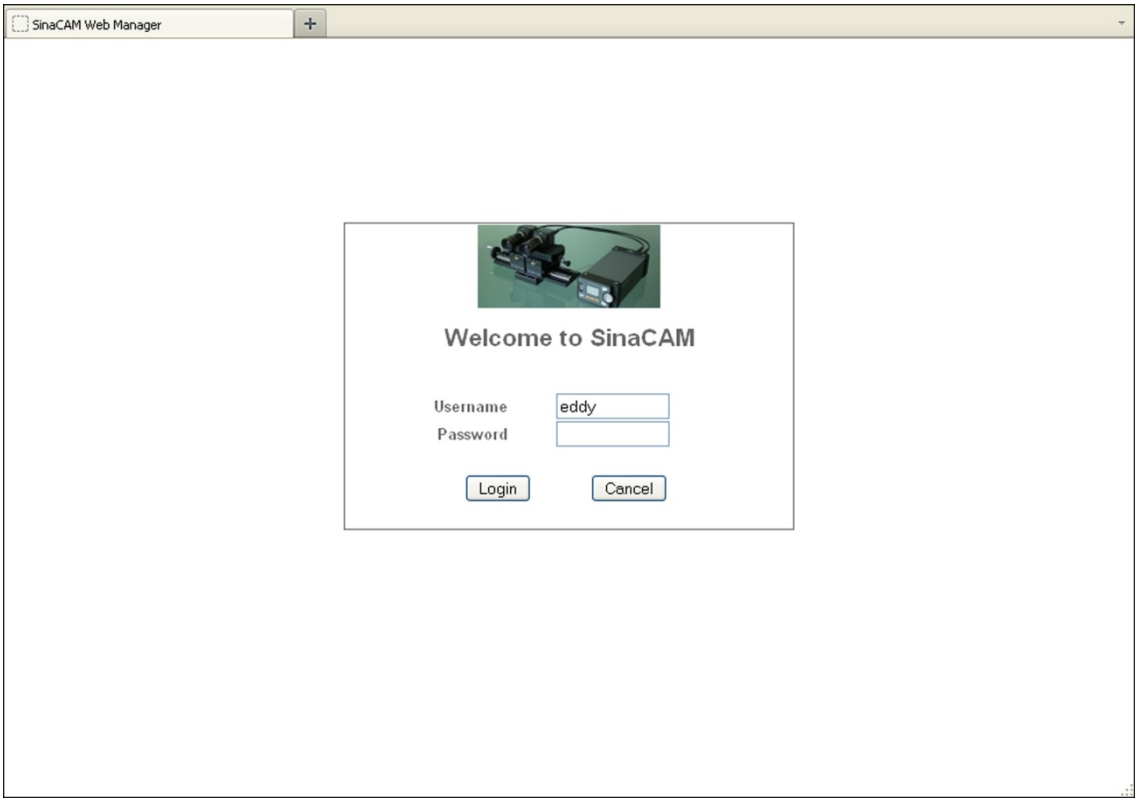
10.1.1 Required Tools

1. PC with one available Ethernet port or a local Ethernet connection
2. Web browser
3. sinaCAM update package (e.g. SinaCam_1.0_1575.pkg)

10.1.2 Connecting to sinaCAM

- Start the web browser.
- Use an Ethernet cable to connect the sinaCAM to the PC itself or to the local Ethernet network the PC is operating in. Make sure the following are supported:
  - DHCP
  - Zero configuration networking for ad-hoc networking
- Switch on the sinaCAM.
- Look up the sinaCAM IP address in the sinaCAM menu **SYSTEM**.
- Crosscheck the IP addresses of sinaCAM vs. PC ➔ Both shall be in the same subnet.
- Enter the sinaCAM IP address into the web browser's address field.
- Log in with the username **eddy** and the password **99999999**.

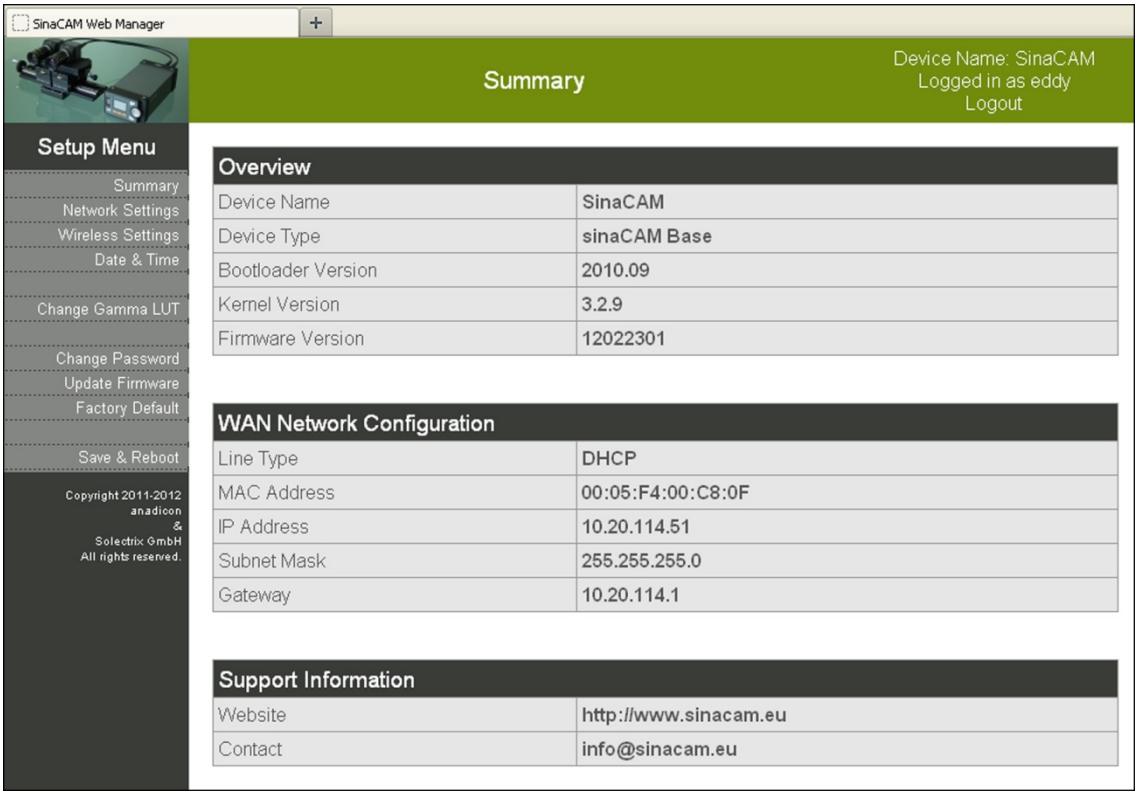
Figure 26: Web Manager - Login



10.2 Setup Menu

10.2.1 Summary

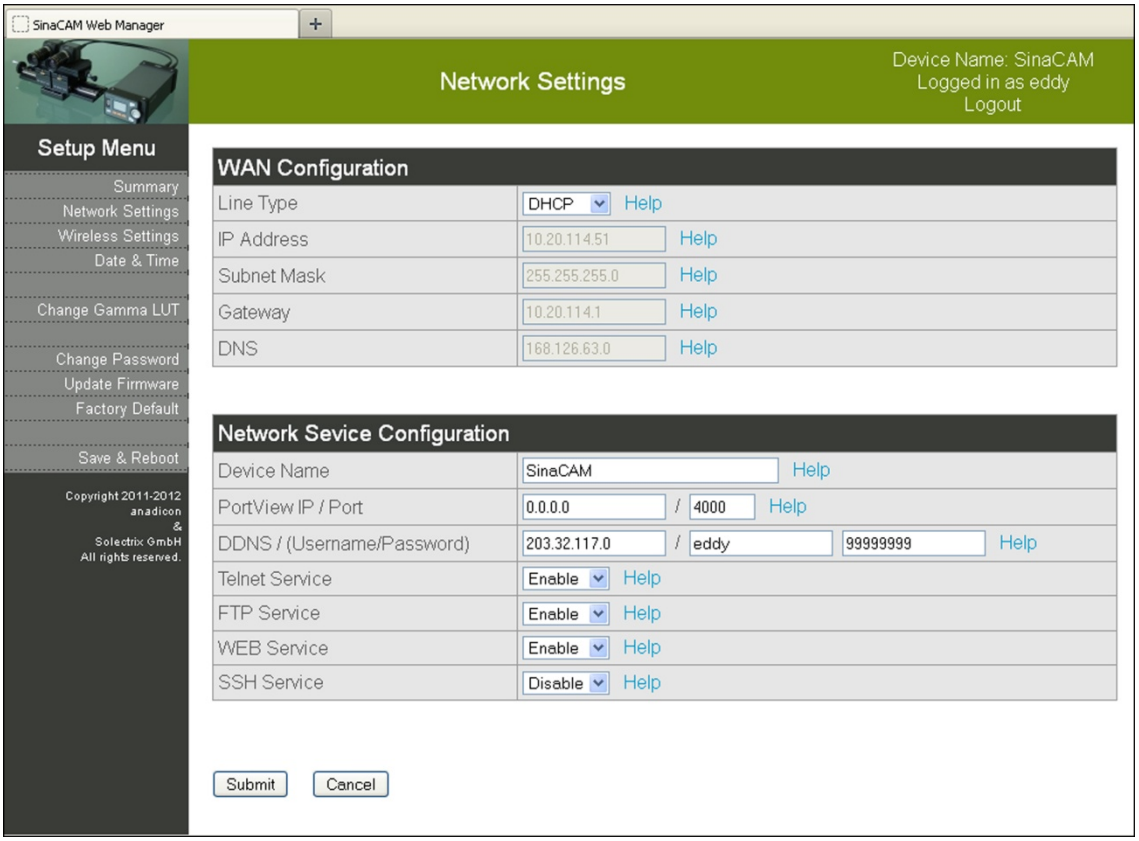
Figure 27: Web Manager - Summary



This menu screen gives an overview of the current system configuration and some additional information.

10.2.2 Network Settings

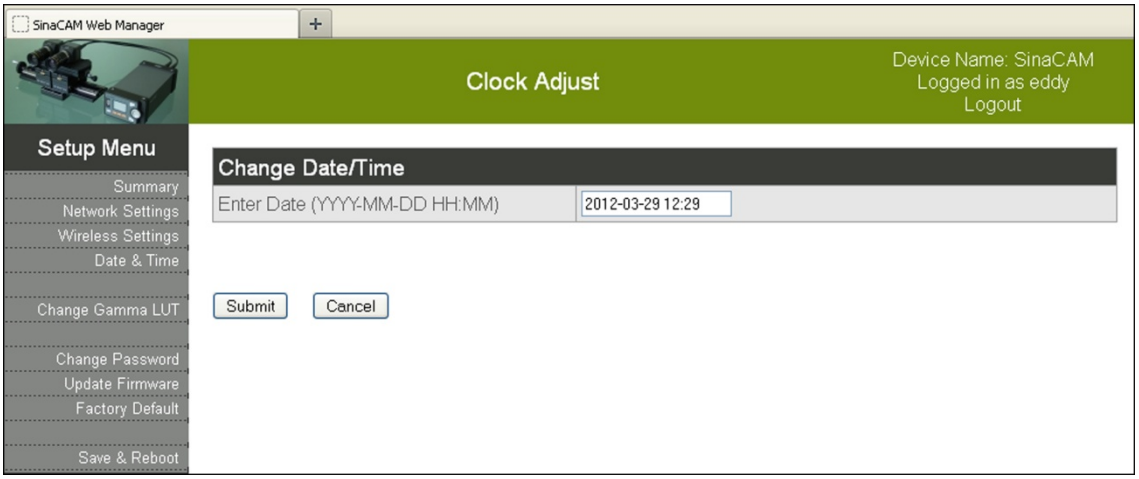
Figure 28: Web Manager - Network Settings



Here you can change the network settings of the sinaCAM.

10.2.3 Date & Time

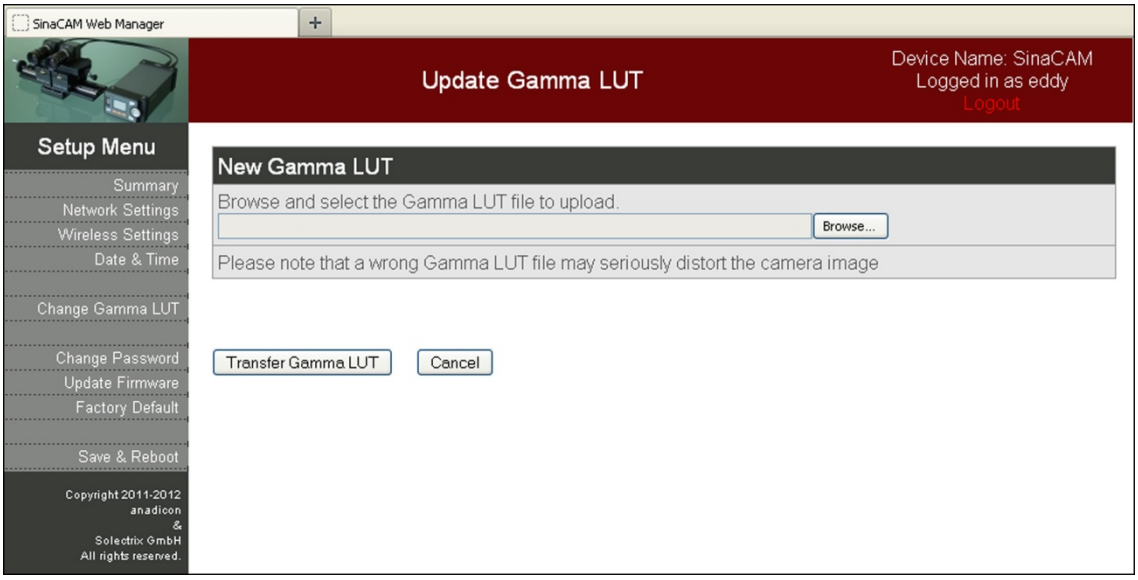
Figure 29: Web Manager - Clock Adjust



Here you can set the sinaCAM's system date and time.

10.2.4 Change Gamma LUT

Figure 30: Web Manager - Update Gamma LUT

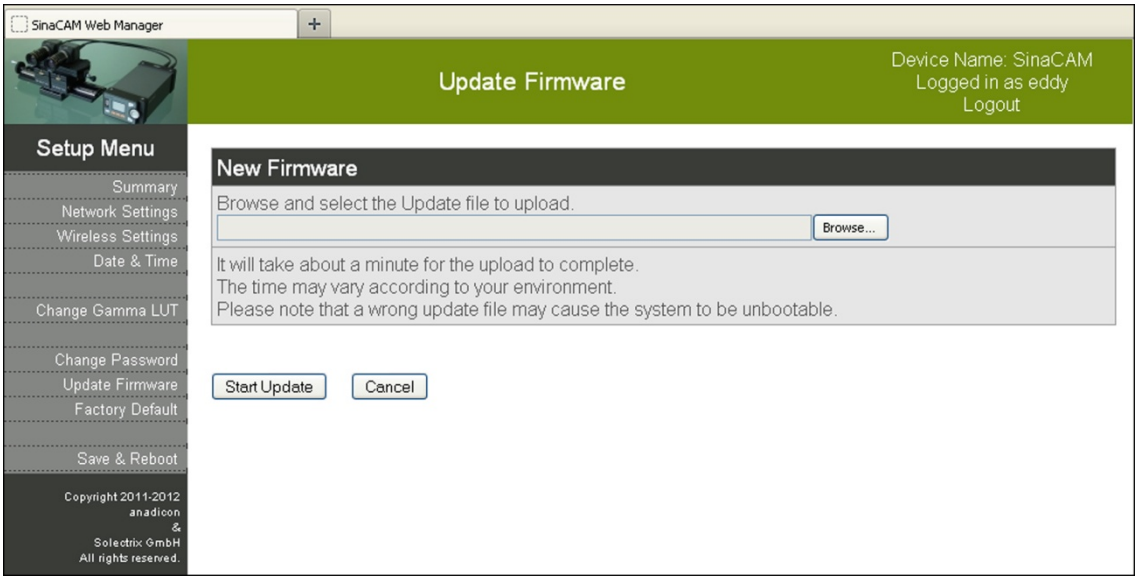


In addition to the factory preset gamma look-up tables (LUTs), the sinaCAM can be configured with custom LUTs. At this point, only one user setting can be stored on the sinaCAM at one time. Regardless of the LUT file's name, the gamma settings contained therein will be selectable as **USER** in the sinaCAM menu.

Note: At this point there is no feedback if a faulty LUT file is uploaded.

10.3 Updating the Firmware

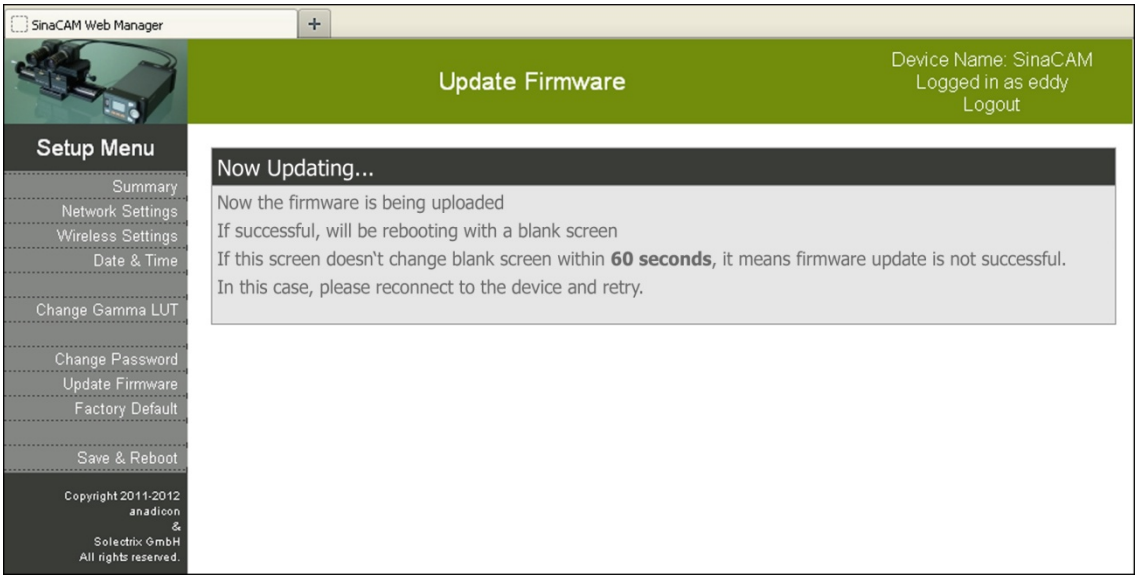
Figure 31: Web Manager – Update Firmware



- Go to the **Update Firmware** menu.
- Browse and select the .pkg file to upload.
- Push **Start Update**.

The upload should take about a minute, after which the following screen should appear:

Figure 32: Web Manager – Firmware Now Updating



After a while, a blank screen should appear – the system is booting. The Ethernet connection is terminated at this point.

- Check the firmware version displayed in the local sinaCAM menu **SYSTEM ➔ INFO**.
- Reset the sinaCAM to its original settings via the **Factory Preset** command in the sinaCAM's local **SYSTEM** menu.
- If everything was successful, switch the power off and on again for a final test.